



Office of Energy Efficiency
Office de l'efficacité énergétique

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OEE News

Leading Canadians to Energy Efficiency at Home, at Work and on the Road

MAKING

ENERGUIDE

A HOUSEHOLD NAME

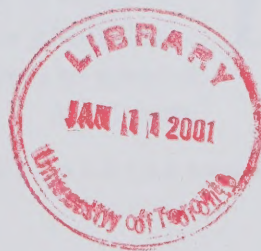
Plans are under way at the Office of Energy Efficiency (OEE) for a major promotional campaign later this year aimed at making EnerGuide a household name in Canada.

The various EnerGuide programs delivered by the OEE – EnerGuide for appliances, air conditioners, heating and ventilating equipment, houses and vehicles – will join forces to launch a national marketing campaign to strengthen consumer awareness of the range of products and services encompassed by the EnerGuide mark and its role as a comparison tool.

"We are building on the premise that all of the different EnerGuide programs are targeting the same audience – the consumer," explains Charles Villeneuve, Manager of the EnerGuide for Vehicles program. "The same people who renovate their homes also buy appliances, air conditioners, heating equipment and vehicles. By combining forces, we will expand the reach of the different programs and increase the visibility of the EnerGuide mark."

The joint campaign will promote EnerGuide as "more than just a label." In fact, it is the best and most credible source of information on the energy efficiency of a variety of products and services. A key message will be that energy efficiency offers consumers environmental as well as economic benefits: reduced energy consumption means fewer greenhouse gas emissions, which are contributing to climate change.

Mr. Villeneuve says that the OEE also plans to strengthen its partnerships with equipment manufacturers, retailers, the media and consumer and environmental groups to encourage them to promote EnerGuide. Watch future editions of *OEE News* for updates on the new EnerGuide promotion strategy.



Natural Resources
Canada

Office of Energy
Efficiency

Ressources naturelles
Canada

Office de l'efficacité
énergétique

Canada

FCM Helps Municipalities Tackle Climate Change

Municipal buildings generate an estimated four megatonnes of greenhouse gas emissions each year. Building retrofits and other measures have the potential to reduce these emissions by up to 25 percent.

Municipal governments across Canada will soon have access to all the tools they need to undertake energy-saving building retrofits to reduce operating costs and greenhouse gas emissions and make an important contribution to Canada's climate change goals.

The Municipal Buildings Retrofit Program is being developed by the Federation of Canadian Municipalities (FCM), the national voice of some 600 municipal governments across Canada. Announced in the 1999 federal budget, the three-year, \$1.6-million retrofit program will be administered by the Office of Energy Efficiency. Its goal is to reduce energy and water consumption by helping municipalities identify, develop, finance and implement building retrofits.

The retrofit program will be one element of the FCM's broader Community Energy Opportunities Program, which is helping Canadian municipalities improve their use of energy and show leadership within their communities. The Community Energy Opportunities Program, in turn, is part of the Partners for Climate Protection (PCP) Program. The PCP program is a partnership between the FCM and the International Council for Local Environmental Initiatives; it was established to help Canadian municipalities remove barriers to reducing greenhouse gas emissions. Most

of the communities involved in the PCP Program are committed to reducing emissions from municipal operations by 20 percent over 10 years.

Municipal buildings generate an estimated four megatonnes of greenhouse gas emissions each year. Building retrofits and other measures have the potential to reduce these emissions by up to 25 percent. Such measures would also result in significant cost savings, since municipal governments spend an estimated \$600 to \$800 million annually on fuel and electricity.

The FCM Building Retrofit Program will offer a range of services to municipalities to encourage them to undertake energy efficiency retrofits. Municipalities will have the opportunity to select the services that they prefer and pay for them out of future guaranteed savings.

"The FCM is an important ally of the OEE on several fronts, and we look forward to working closely with them on this important new initiative," says Neil MacLeod, Director General of the OEE.

For more information on the retrofit program, contact the Federation of Canadian Municipalities by telephone at (613) 241-5221, by fax at (613) 241-7440 or visit the FCM Web site at <http://www.fcm.ca>.

Tip!



Your windows should have at least two layers of glazing. If necessary, install storm windows (either interior or exterior) to add an extra layer.

Regina Aims to Cool Down the City

Building retrofits could be a big part of the City of Regina's strategy to reduce carbon dioxide emissions in the municipality to 20 percent below 1988 levels by the year 2005.

Regina is considering energy efficiency retrofits of seven major civic properties, including City Hall and various recreational facilities. The \$2.5-million retrofit project

would save \$400,000 in energy costs per year (about 30 percent) and reduce carbon dioxide emissions by four percent from the 1988 baseline.

Building retrofits are only one element of Regina's climate change strategy. In June, the city launched a community-wide program to raise awareness of global warming and to involve its citizens, industries, institutions and businesses in efforts to reduce greenhouse gas emissions.

Known as the Cool Down the City Program, the new public education initiative is delivering a clear message that the solution to global warming begins at the local level.

A variety of events and activities are informing target audiences of "cool" actions that they can take to protect the environment. The city sponsored a free vehicle-emissions clinic in August, and the week-long "Find Another Way Days" event in September encouraged Regina residents to leave their cars at home and use alternative transportation.

Long at the forefront of the climate change movement, the City of Regina was a founding member of the 20% Club in 1990 and was the third Canadian municipality to join the Partners for Climate Protection Program of the Federation of Canadian Municipalities.

Known as the Cool Down the City Program, the new public education initiative is delivering a clear message that the solution to global warming begins at the local level.



Minister Praises Commitment to

As a result of an energy management plan initiated in 1998, the Saanich School District is forecasting an overall reduction in energy consumption of 15 percent by 2002. "That's \$120,000 less in fuel bills – \$120,000 more for education," noted Minister Goodale.

Energy efficiency is not only good for the environment, but it's also bringing tangible education benefits to students in schools across Canada, says Natural Resources Minister, Ralph Goodale.

Speaking at the July 1999 Congress of the Canadian School Boards Association (CSBA) in Victoria, Minister Goodale noted that money saved on energy bills is being reinvested in the classroom, where it will do a greater amount of good.

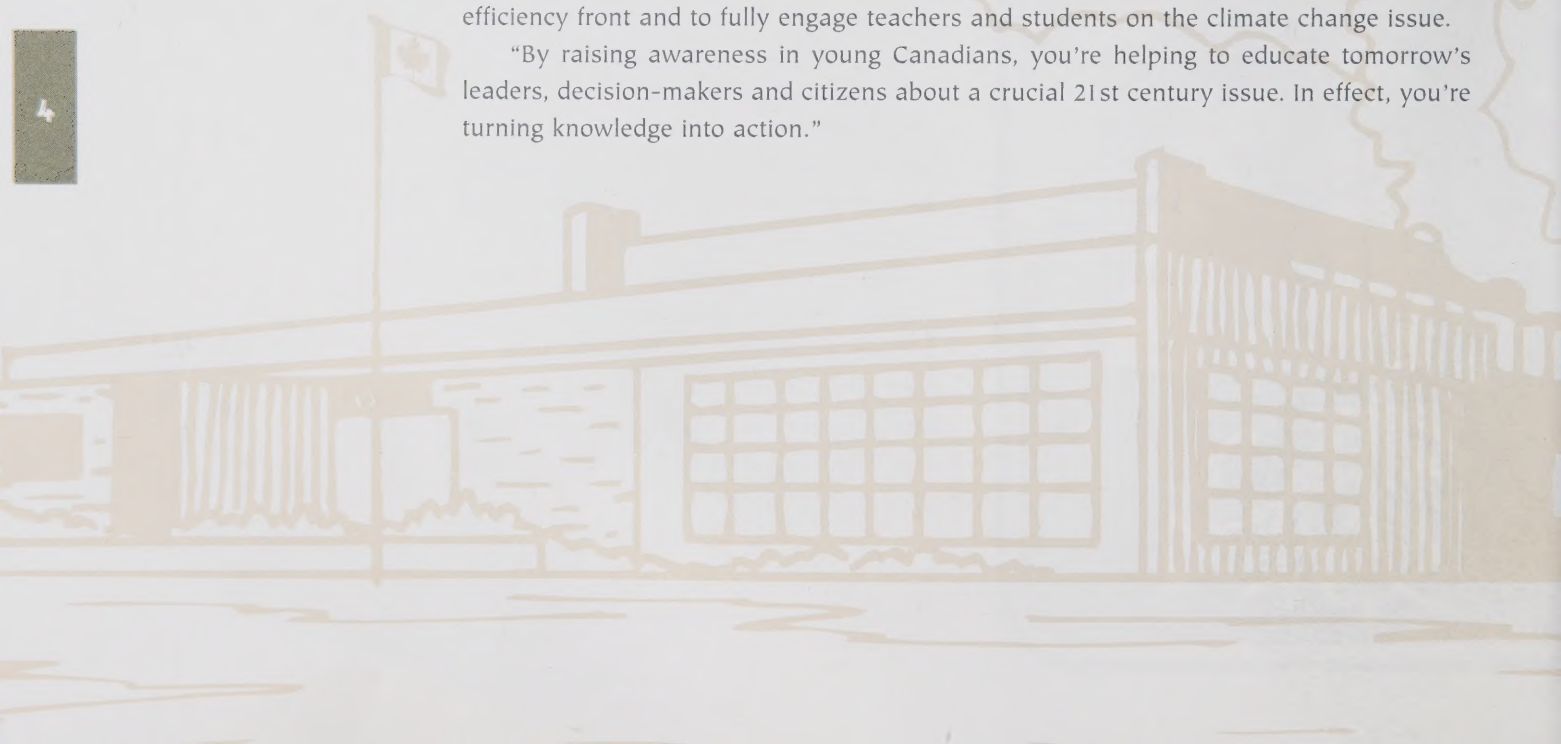
Minister Goodale paid tribute to the CSBA for its involvement in the OEE's Energy Innovators Initiative. He noted that over 80 Canadian school boards are now registered as Energy Innovators.

"We are working together in partnership to achieve environmental, economic and educational goals, all at the same time," said the Minister. "Some of it is pretty simple stuff, like shutting off lights and turning down thermostats in empty classrooms. Some of it is retrofitting and the application of new technology in new building design and construction."

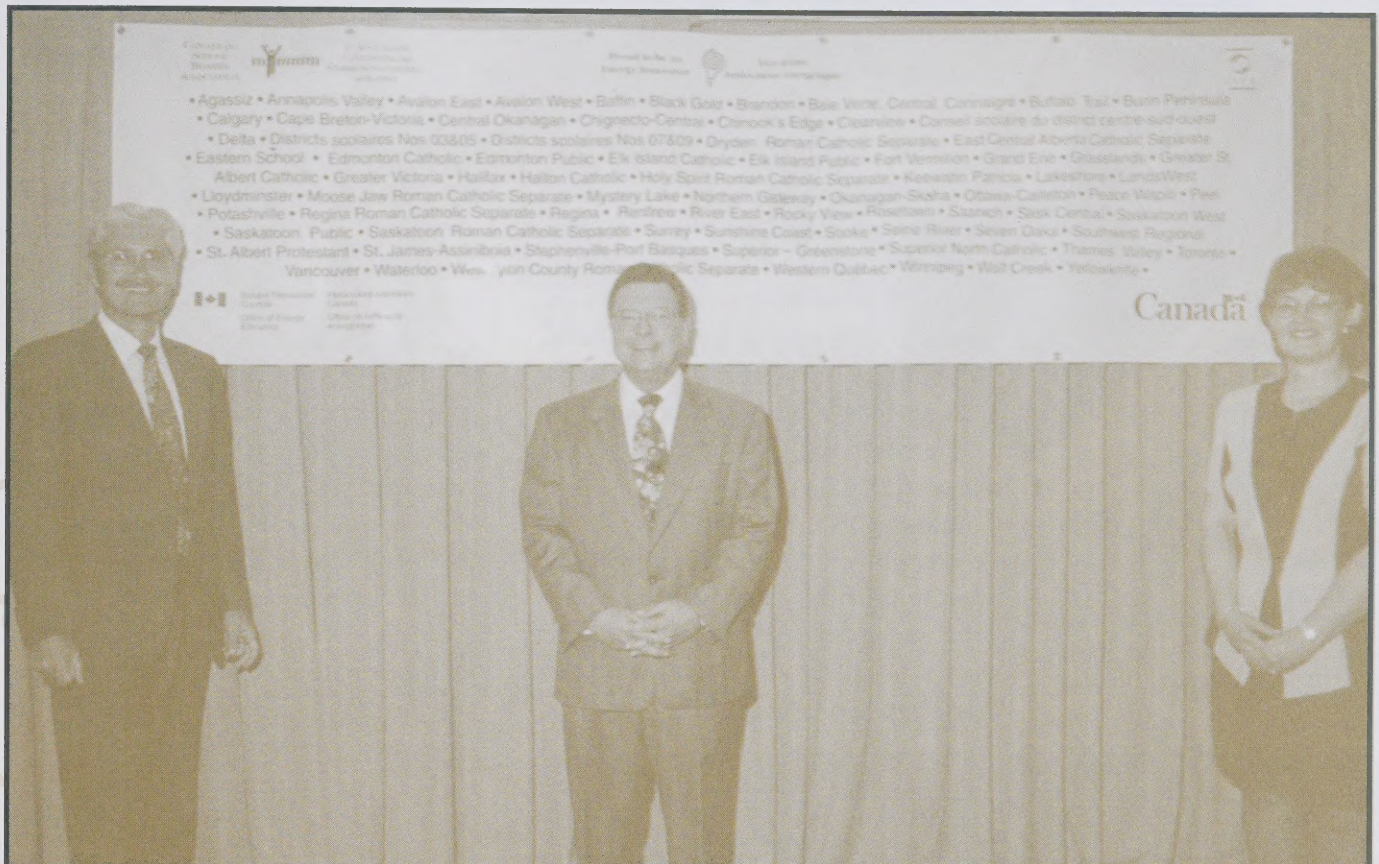
Minister Goodale cited two B.C. school districts as examples of what can be achieved through a commitment to energy efficiency. Since 1996, the Sooke School District has renovated 22 schools and expects energy costs in some buildings to decrease by as much as 42 percent. As a result of an energy management plan initiated in 1998, the Saanich School District is forecasting an overall reduction in energy consumption of 15 percent by 2002. "That's \$120,000 less in fuel bills — \$120,000 more for education," noted Minister Goodale.

The Minister closed his remarks by challenging school boards to do more on the energy efficiency front and to fully engage teachers and students on the climate change issue.

"By raising awareness in young Canadians, you're helping to educate tomorrow's leaders, decision-makers and citizens about a crucial 21st century issue. In effect, you're turning knowledge into action."



School Boards for Energy Efficiency



Minister Goodale and past CSBA presidents, Roy Wilson and Betty Green, display the names of the more than 80 school boards across Canada that are now registered as Energy Innovators.

Tip!



Install low-flow showerheads, which use up to 60 percent less water than conventional showers. This do-it-yourself project takes only a few minutes but delivers big savings in water consumption and hot water heating. High-efficiency faucets, such as aerators, can save four to seven percent of your total hot-water consumption.

Energy Innovators Plus

"Well-Spent Tax Dollars" Concludes Associated Freezers

Associated Freezers Ltd. is one of the largest public refrigerated warehousing firms in North America, providing temperature-controlled storage and a full range of value-added services to customers in the frozen food industry. One of the first companies to receive a financial incentive from the OEE's Energy Innovators Plus program, the firm has established an aggressive goal of reducing corporate energy consumption by 32 percent over three years.

As a first step, Associated Freezers launched a retrofit of its 13 500-square-metre facility on Weston Road in Toronto. This pilot project involved the installation of state-of-the-art energy systems and an upgrade of the building envelope. These measures, now completed, are expected to reduce the facility's energy consumption by 20 percent and generate annual cost savings of \$100,000.

Based on its commitment to replicate the pilot project in its eight remaining Canadian facilities – with estimated total annual savings of \$586,000 – Associated Freezers qualified for assistance from Energy Innovators Plus.

Energy Innovators Plus is an incentive program designed to help registered Energy Innovators implement comprehensive energy efficiency pilot projects that can be repeated in multiple locations. In the case of Associated Freezers, Innovators Plus provided the maximum contribution of 25 percent of eligible pilot project costs (in this case, \$310,000). The company will invest more than \$6.2 million in retrofitting its nine Canadian facilities, and replication of the pilot project in the remaining facilities has already begun.

"Some of our assets have existed for the better part of 30 years," says Michael Mulvenna, Director of Engineering at Associated Freezers. "Energy Innovators gave us the opportunity to upgrade an existing facility to state-of-the-art levels and then to go further by installing additional data gathering devices. In doing so, we can generate actual electrical consumption information associated with specific functions. This will enable us to prove the financial return on these upgrades, which will make it easier to embark on future projects of this nature. Without the program, I am sure it would have taken at least one more year, if not several, to obtain approval to implement the first retrofit. In terms of energy usage reduction in conjunction with Canada's global warming carbon emission reduction program, I am absolutely convinced that Energy Innovators Plus is a shining example of well-spent tax dollars."



Peter Rowles, Senior Vice-President of Energy Advantage, Phyllis Hoshino and Louise Therriault from the OEE congratulate Michael Mulvenna, Director of Engineering at Associated Freezers, for his company's involvement with the Energy Innovators Plus program.

Energy Savings Pour in at Esco Limited

Described as the biggest foundry west of Ontario, Esco Limited, of Port Coquitlam, B.C., celebrated 40 years in business in 1998. It was also a watershed year for the company's energy efficiency initiatives. Today, energy conservation measures at Esco Limited focus on electricity, natural gas and water conservation, and the B.C. foundry has undertaken many energy efficiency projects in recent years to attain its environmental objectives.

Esco Limited's concerted effort to become more energy-efficient began through a recent B.C. Hydro PowerSmart initiative, under which all lighting in the foundry and other site buildings was replaced. Esco has also looked internally for low-cost and no-cost energy savings. One such measure uses different procedures to reduce the maximum melt temperature in the arc furnace, thus reducing the number of kilowatt hours consumed.

As part of Esco's water conservation measures, auxiliary water tanks were installed at the foundry. Water stored in the quench tank is used during cleaning and maintenance and recycled back to the quench tank until needed, thus reducing water consumption.

In 1998, significant natural gas savings were generated from ladle refractory relining. A switch from bricks to boards eliminated the need to heat the ladles before first use and now they are maintained at a much lower temperature between heating periods. "Since June (1998), we went from four or five ladle heaters down to two," explains current Canadian Foundry Association President and site manager, Jeff Kershaw. "The two ladle heaters we have now are running 12 hours a day as opposed to 24 hours a day when we were running more. The math is easy. We are saving significant amounts of energy and the dollar savings are just as significant."

When you are producing 90 clean short tons per day, as Esco does, all energy-saving initiatives are welcome.

Tip!



Avoid using a laser printer for draft-quality printouts. From an energy efficiency perspective, the order of preference is ink-jet, dot matrix and laser.

Engineering Firm Practices

A Quebec engineering firm with a reputation for developing innovative energy solutions for clients has put its own advice into action by designing and building a state-of-the-art corporate headquarters with support from the OEE's Commercial Building Incentive Program (CBIP).

The company is Breton, Banville and Associates (BBA), and its new corporate headquarters is a three-storey, 4520-square-metre office complex in Mont Saint-Hilaire, Quebec. The building was completed in December 1998, and the results are impressive.

Annual energy consumption is 38.5 percent lower than that of the same building constructed to meet the requirements of the *Model National Energy Code for Buildings* (MNECB). Energy savings are estimated at \$17,762 per year. Compared to conventional buildings in the region, the upgraded heating and environmental systems in the BBA headquarters are expected to save the company approximately \$40,000 annually. Payback on the additional investment required to make the building energy-efficient is estimated at 3.3 years.

These convincing numbers and BBA's overall commitment to energy efficiency have earned the company an Énergia 1999 award from the Association québécoise pour la maîtrise de l'énergie (AQME). The awards recognize outstanding achievement in energy efficiency in a variety of categories, including commercial buildings.

Because it is at least 25 percent more energy-efficient than the same building constructed to the MNECB, the BBA building has also qualified for a CBIP contribution of \$35,524, to be applied to

the design costs. CBIP offers building owners and developers a financial incentive to incorporate energy-efficient features into new commercial and institutional buildings.

BBA's design goal was twofold: to improve the building's energy performance, and to enhance the workplace environment by investing in indoor air quality, lighting and soundproofing. The consulting engineers on the project, Concept R Engineering, helped find the right technology solutions to meet the company's objectives.

Many of the building's features are standard, off-the-shelf technologies, such as triple-pane, low-E windows that maximize its southern exposure and additional insulation in the walls and roof. These simple improvements to the building envelope reduced the cooling load by more than 32 tonnes and saved the project \$37,000 in equipment downsizing. Other widely available features include energy-efficient lighting and a centralized ventilation network that uses a variable-valve latent thermal wheel.

One design element that sets the complex apart, however, is a 200 000-litre mitigated-water reservoir, which is located beneath the building and acts as a thermal storage unit. Energy generated by the building's occupants, lighting and office equipment is transferred to the reservoir.

ises What it Preaches

In the winter, the heat energy stored in the reservoir is released and distributed throughout the building using a network of 42 water-source heat pumps linked to the reservoir by stainless steel piping. In the summer, the reservoir system operates in reverse, storing the heat generated in the building during the day and dissipating it overnight using a cooling tower. The system meets 95 percent of the building's heating and cooling needs.

BBA's headquarters also features a unique approach to building automation. The HVAC, lighting, security and fire prevention systems are all unified under a

single set of controls, meaning that they can all be monitored and modified by one person through a single-user interface.

Based on the success of its corporate headquarters, BBA is now considering a new project that would qualify for assistance from both CBIP and Natural Resources Canada's C-2000 Program. Buildings constructed to C-2000 standards have a minimal impact on the environment during construction, use less than half of the energy of a similar conventional building and offer a high-quality indoor environment.

The upgraded heating and environmental systems in the Breton, Banville and Associates headquarters are expected to save the company approximately \$40,000 annually.



TrentonWorks on Energy Efficiency Track

TrentonWorks Ltd., a Greenbrier Company, has had a proud history in the rail car, forging and steel fabricating businesses in Canada since 1870. TrentonWorks builds auto transporter flat cars, boxcars, covered hopper cars and various other freight cars. In addition, it exports freight car kits and assemblies internationally. Its forge, the largest in Canada, can make steel forgings weighing up to 100 tonnes each.

TrentonWorks' proud history extends to its recent energy efficiency initiatives at its 40.5 hectare (100-acre) facility in Trenton, Nova Scotia. The company began construction of a new 10 250-square-metre manufacturing facility in the fall of 1998. Completed in July 1999, the new facility incorporates many state-of-the-art processes that lead to better energy efficiency. First and foremost, it was designed to ensure that freight cars don't have to leave the heated shop. This reduces the energy required for reheating freight cars between operations.

A new energy-efficient blast and finishing installation built into the new facility will reduce energy costs, improve product quality and provide a better work environment for the employees. The new paint booth includes a ventilation system that allows up to 75 percent recirculation and greatly reduces energy consumption. An infrared drying oven, installed for the

drying of painted freight cars, has the dual benefit of being more energy-efficient, due to its dual fuel design, and of producing a better quality paint finish.

Other initiatives include the purchase of state-of-the-art smoke extraction equipment that puts more emphasis on local ventilation at source, greatly reducing heat loss throughout the facility. A newly installed reboiler system will enable TrentonWorks to buy steam from the steam generating station of the local utility company. This will practically eliminate the burning of fossil fuel to heat the facility and will result in reduced energy costs and reduced emissions. A program is under way to insulate or upgrade the insulation on all steam and condensate lines through the facility to reduce energy consumption. Electrical energy costs have also been greatly reduced through the installation of capacitors on the primary and secondary power feed lines.

Dates Set for Canada's Energy Efficiency Conference and Awards 2000

The beginning of a new millennium may be the next big occasion on your calendar, but excitement is also building for another blockbuster event – Canada's second annual energy efficiency conference and trade show in Ottawa.

It's not a "once in a lifetime" experience, but based on the success of the inaugural Conference in 1999, it's something you won't want to miss.

The dates and locale are set – October 10–12, 2000, at the Ottawa Congress Centre – and the theme of the Conference is "Innovation and Energy Efficiency." The OEE is pleased to announce that Robert F. Kennedy Jr. will be a keynote speaker at the conference. Mark it on your calendar today!

Think about nominating a company or individual for Canada's Energy Efficiency Awards, which promise to be

a highlight of the Conference again in 2000. Or perhaps your organization should be an exhibitor at the trade show, which drew rave reviews last year.

Details of the 2000 Conference will be posted on our Web site at <http://oee.nrcan.gc.ca/conference> as they become available. This is also the place to go for information on last year's event – the record of proceedings of the 1999 Conference have been posted on the site. You'll also find information on the finalists and winners of Canada's Energy Efficiency Awards in 1999.

Watch future editions of *OEE News* for updates on the Conference, trade show and awards competition. In the meantime, start planning now to be in Ottawa in the fall of 2000.

EnerGuide Label Proudly Canadian



Energy consumption / Consommation énergétique

582 kWh
per year / par année
This model / Ce modèle

EnerGuide labels have appeared on major household appliances for more than two decades, but it's only in the past year that they have proudly indicated that they are Canadian.

As a result of an amendment to the *Energy Efficiency Regulations* that came into effect on December 31, 1998, EnerGuide labels for appliances and room air conditioners must now bear the Government of Canada's familiar Canada wordmark.

"We've learned through focus group testing that many consumers

were unsure of the source of the EnerGuide label," explains Anne Wilkins, EnerGuide Program Coordinator. "The use of the wordmark gives the label a strong Canadian identity and differentiates it from the U.S. EnergyGuide label, which also appears on many appliances sold in Canada."

The amendment also added compact clothes dryers to the list of EnerGuide label appliances and requires manufacturers to use a new test standard (CAN-CSA C360-98) to determine EnerGuide ratings for clothes washers.

Tip!



Use a block heater in winter when the temperature drops to -20°C (-4°F) or below. A block heater keeps your engine oil and coolant warm, which makes the vehicle easier to start and can increase winter fuel economy by as much as 10 percent. Use a timer to switch on the block heater one or two hours before you plan to drive.

ENERGUIDE FOR HOUSES THE CLIMATE CHANGE



As Canadians learn more about climate change and the possible consequences that it poses to our environment, our economy and our health, many are seeking information on steps they can take to reduce greenhouse gas emissions. Sylvain Quilliam believes the partnership between the Public Education and Outreach (PEO) component of the Climate Change Action Fund (CCAF) and the Office of Energy Efficiency's proactive and innovative programs, is helping put Canadians on the right track.

Admittedly, Mr. Quilliam brings a certain bias to the subject: as program officer for the OEE's EnerGuide for Houses Program, he is intimately involved in selling the energy efficiency message to Canadians on a day-to-day basis. But his sincerity and enthusiasm are unmistakable.



USES: PART OF SOLUTION



GLOBAL
Climate Change
LES CHANGEMENTS
climatiques

“EnerGuide for Houses is a particularly good program because of its focus on reducing both carbon dioxide emissions and long-term energy costs for homeowners,” he says. “The beauty of the EnerGuide for Houses Program is that it gives homeowners the information they need to undertake practical, logical renovation projects, and then it goes one step further by quantifying the results of their actions.”

EnerGuide for Houses reached more Canadians in recent months as a result of its association with the CCAF. The federal government established the three-year, \$150-million fund in 1998 to help Canada achieve its target to reduce greenhouse gas emissions to six percent below 1990 levels by the period between 2008 and 2012 — the goal under the Kyoto Protocol.

The CCAF has four components, one of which is PEO, which supports projects that build awareness and climate understanding of change and promote actions to reduce greenhouse gas emissions.

EnerGuide for Houses is a national evaluation system designed to provide homeowners with an unbiased analysis of their home’s energy use. After undertaking a detailed inspection of the interior and exterior of the house, trained evaluators use special computer software to generate an energy efficiency rating for the home and produce a report that sets out a step-by-step plan for improvements. After renovations have been completed, the evaluator will re-inspect the home and generate a new rating.

“Renovations can be tackled in different ways, depending on how much money the homeowner wants to invest and his or her priorities,” says Mr. Quillam. “Some people will be interested in quick and easy jobs that provide immediate benefits, such as caulking and weatherstripping

to reduce drafts and heat loss. Others will take a longer-term approach and make investments that may take several years to pay for themselves, such as new, energy-efficient windows or heating systems.”

“PEO has been of tremendous value for EnerGuide for Houses initiatives because it is moving the program to a greater level of partnership,” explains Mr. Quillam. “It has allowed the program to expand both its reach and its message. EnerGuide for Houses is becoming associated with more than just energy efficiency — increasingly, it is being highlighted as part of the climate change solution.”

The Sun Ridge Group, which delivers the EnerGuide for Houses Program in Saskatchewan, is one of the organizations that are forging new climate change partnerships. With support from the CCAF, Sun Ridge is working with members of community-based organizations, such as renovators, First Nations and real-estate groups, to help inform homeowners of ways in which they can reduce their energy use and greenhouse gas emissions. The project includes local and regional marketing and promotion as well as public awareness, public education and community development activities.

“The Sun Ridge Group has approached numerous communities with EnerGuide for Houses proposals and has definitely done more than required under their contract,” says Mr. Quillam. “In particular, they have made progress with First Nations, where the program initially met with some resistance. It is very exciting to reach communities that haven’t historically been participants in the EnerGuide for Houses initiative.”

More information on the EnerGuide for Houses Program, including the names of delivery agents across Canada, is available on the EnerGuide Web site at <http://energguide.nrcan.gc.ca/houses/>.

Unleashing the Potential of Energy Efficiency

Sue Olynyk is sold on the economic and environmental benefits of energy efficiency – and now she's doing her best to sell the concept to others.

For six years, Ms. Olynyk managed Dofasco Inc.'s plant-wide Energy Conservation Program, which returned savings of about \$3 million a year. Now a Senior Energy Specialist with Dofasco's Environment and Energy Department, she is bringing her considerable expertise to the National Advisory Council on Energy Efficiency (NACEE).

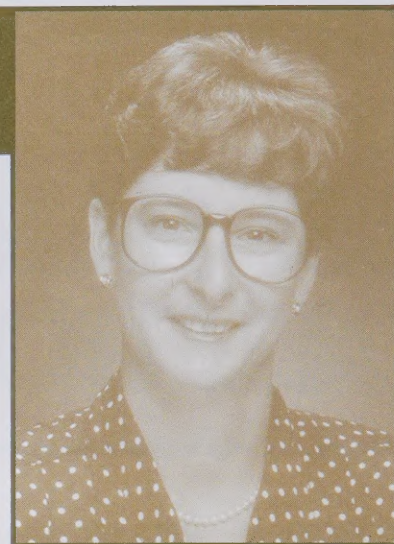
"Being a member of NACEE allows me to provide insights on behalf of Canadian mining and manufacturing, especially the steel industry, to the OEE people who develop and prioritize programs and policy," she explains.

Ms. Olynyk is a strong supporter of voluntary programs and can offer personal testimony to their effectiveness. She has been vice-chair of the highly successful Canadian Industry Program for Energy Conservation (CIPEC) since 1997 and chair of CIPEC's Steel Sector Task Force since 1992. Ms. Olynyk also played a leadership role in coordinating

the Canadian steel industry's response to the Climate Change Voluntary Challenge and Registry and is currently a member of the VCR Inc.'s Technical Advisory Committee.

"NACEE

members should be acting as advisors, thought provokers, sounding boards and reality checks for the OEE," she says. "I would see my tenure as successful if I was able to help develop programs that were so attractive, so enticing and made so much sense from a business perspective that the entire population of Canadian steel and manufacturing companies were beating down the doors to take advantage of them. Imagine the improvement full buy-in would unleash!"



"Canada Must Prioritize its Energy Efficiency Resources"

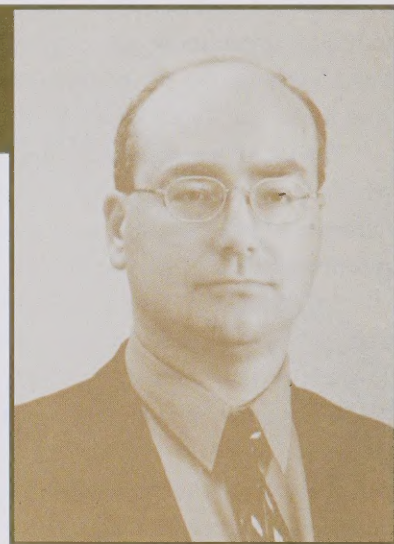
With a background in energy demand analysis and energy efficiency program delivery, Allan Fogwill, Manager of Market Knowledge for Union Gas Limited, has well-informed views on effective energy efficiency programming. He shares these views with the OEE as a member of the National Advisory Council on Energy Efficiency. We asked him what it takes to effectively deliver energy efficiency programs.

"Effective programs must be designed to target markets – residential, commercial, transportation and industrial – not technologies or applications," says Mr. Fogwill. "Between markets, there is a need to allocate funds and resources accordingly." Mr. Fogwill strongly suggests that an effective program should include activities with both readily achievable and future targets.

Successful programming starts with an understanding of market barriers and the goal of market transformation. Mr. Fogwill is a strong advocate of education and training with the business community and consumers. He also suggests the selective use of rebates directed to retailers

and manufacturers. As a backup, minimum efficiency standards for equipment should be considered when other mechanisms don't work. "Above all, program participants must be educated to view energy efficiency for both its economic and environmental benefits," he adds.

Currently in charge of research, energy forecasting and marketplace analysis at Union Gas, Mr. Fogwill was previously responsible for energy efficiency programs throughout the company's service area in Ontario. He is a member of the Board of Directors of Enerquality Corporation (which delivers the R-2000 HOME Program in Ontario) and the Athena Institute, and is Chair of the Canadian Energy Efficiency Alliance.



"Dollars to \$ense": THE SAVINGS CONTINUE

Now is the time to join the hundreds upon hundreds of your peers from Canada's industrial, commercial and institutional concerns who have profited from the "Dollars to \$ense" series of workshops. The benefits of attending any of the "Dollars to \$ense" workshops include bottom-line dollar savings for your company and reduced energy consumption that helps Canada meet its international climate change commitments.

Due to the overwhelming success of our existing "Dollars to \$ense" workshops, *the Energy Master Plan* and *Monitoring and Tracking*, we are proud to introduce *Spot the Energy Savings Opportunities*.

Reduce your company's energy use and your energy costs using techniques and technology available from leading Canadian experts through the *Spot the Energy Savings Opportunities* workshop. Learn through hands-on demonstrations how to identify the money-saving opportunities in your company's electrical and thermal processes from point of purchase to end use.

More than 1300 organizations across Canada have been able to identify lower operating and production costs, an improved competitive position, reduced greenhouse gas emissions, increased operational efficiency and a better work environment by adopting the energy efficiency savings discovered through the "Dollars to \$ense" workshops.

Your registration includes a large binder full of helpful information, examples and working plans. Group discounts are also available. Space is limited, however, so REGISTER TODAY!

For more information on how the "Dollars to \$ense" workshops can work for you, contact the OEE by fax at (613) 947-4121 or visit our Web site at http://oee.nrcan.gc.ca/new_skills_e.htm and register online.

COMING TO A CITY NEAR YOU!

The Energy Master Plan

Fredericton	February 1, 2000
Mississauga	February 2, 2000
Montréal	February 22, 2000
Québec	March 7, 2000 (French)
Rouyn-Noranda	March 28, 2000 (French)
Kingston	April 10, 2000

Monitoring and Tracking

Moncton	February 8, 2000
Toronto	February 15, 2000
Montréal	February 23, 2000
Regina	March 21, 2000
Québec	March 21, 2000 (French)
Rouyn-Noranda	March 29, 2000 (French)
Kingston	April 11, 2000
Montréal	April 17, 2000 (French)
Halifax	May 16, 2000
Victoria	June 6, 2000
St. John's	June 12, 2000

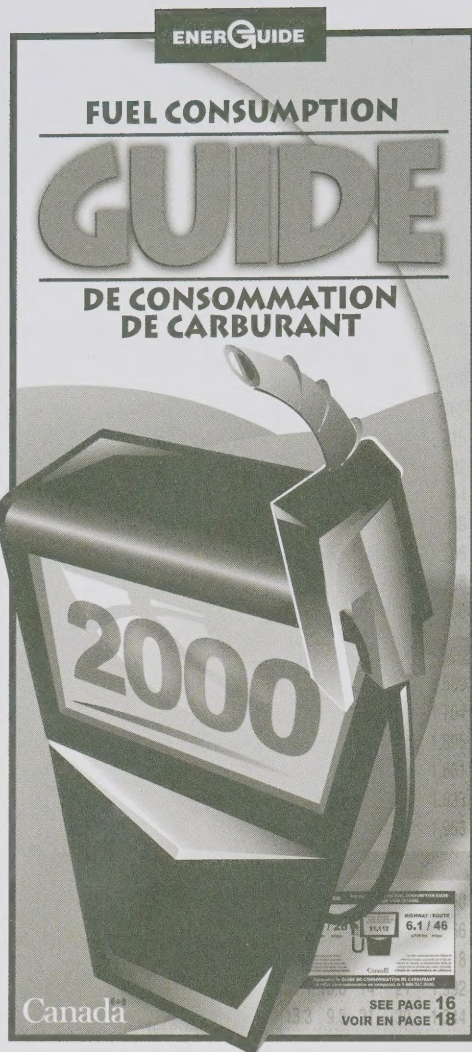
Spot the Energy Savings Opportunities

Calgary	January 25, 2000
Trois-Rivières	January 25, 2000 (French)
Toronto	February 16, 2000
Moncton	March 15, 2000
Québec	March 22, 2000 (French)
Montréal	April 18, 2000 (French)
Ottawa	April 19, 2000
Winnipeg	May 9, 2000

THE

Are you looking for a new car? Do the brand-new 2000 models interest you? Let the *Fuel Consumption Guide* help you make the right choice for you, your wallet and the environment.

The 2000 model year edition of the *Fuel Consumption Guide* is now available. The *Guide* provides fuel-efficiency information on almost all new passenger cars, vans, light-duty pickup



IS HERE!

trucks and special purpose vehicles. You will find both city and highway fuel consumption ratings, as well as estimated annual fuel-consumption and costs. Use this information to compare different vehicles and to select the most fuel-efficient model that meets your needs. A vehicle that consumes less fuel produces lower emissions of carbon dioxide, a major greenhouse gas associated with climate change.

Free copies of the Guide are available at new car dealerships across Canada, and at most provincial or territorial motor vehicle licensing offices, credit union offices, Caisses populaires et d'économie Desjardins in Quebec, or by calling 1-800-387-2000.

You can discover which vehicles won the 2000 model year EnerGuide awards for being the most fuel-efficient in their respective categories on our Web site at <http://autosmart.nrcan.gc.ca>. By using an interactive version of the Guide available on the Web site, you will also find useful tips on fuel-efficient driving and maintenance habits.

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We Want to Hear from You!

We hope that you've enjoyed this edition of *OEE News*. Future editions will provide even more information on how the OEE is "Leading Canadians to Energy Efficiency at Home, at Work and on the Road."

Our goal is to update you regularly on the OEE, its programs

and initiatives. But we also want to hear from you.

If you have suggestions for articles, success stories or profiles, please let us know. Letters to the editor are also welcome. Your feedback will help us make *OEE News* an important and valued source of information on energy efficiency in Canada.



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